+ Approved for use through 07/31/2003. OMB 0651-00320
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCED Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorney Docket No.    | 012237-0307448        |
|------------------------|-----------------------|
| First Inventor         | NATHALIE MOUGIN       |
| Title                  | See attached addendum |
| Exerces Mail Label No. |                       |

| (Only for new nonprovisional applications under 37 CFR 1.53(b))  | Express Mail Label No.   |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.  | ADDRESS TO:  Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450  |  |  |  |  |  |  |  |  |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 17] Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s)  | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Reader Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. Paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  |  |  |  |  |  |  |  |  |
| - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [Total Sheets]  5. Oath or Declaration [Total Sheets]  a. Newly executed (original or copy)  b. X Copy from a prior application (37 CFR 1.63(d))   | 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney English Translation Document (if applicable) 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1499 Citations 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  Other: |  |  |  |  |  |  |  |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Continuation information:  Examiner S. Sharareh  Art Unit: 1617  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. |  |  |  |  |  |  |  |  |  |
| The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS  |  |  |  |  |  |  |  |  |  |
| X Customer Number: 00909   | OR Correspondence address below  |  |  |  |  |  |  |  |  |
| Name   |  |  |  |  |  |  |  |  |  |
| Address  |  |  |  |  |  |  |  |  |  |
| City   | State   Zip Code   |  |  |  |  |  |  |  |  |
| Country  | elephone Fax   |  |  |  |  |  |  |  |  |
| Name (PrintlType) Thomas A. Cawley, Jr., Ph.D  | Registration No. (Attorney/Agent) 40.944   |  |  |  |  |  |  |  |  |
| Signature  | Date 01/06/04  |  |  |  |  |  |  |  |  |

This collection of information is required by 37 CFR .53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## Addendum

Invention Title

NOVEL CATIONIC ASSOCIATIVE POLYURETHANES AND THEIR USE AS THICKENERS

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
to a collection of information unless it displays a valid OMB control purples.

|   |  |             |                    |                | Compl t if Kn wn |                             |  |  |                  |                                    |                           |                                |                 |   |  |
|---|--|-------------|--------------------|----------------|------------------|-----------------------------|--|--|------------------|------------------------------------|---------------------------|--------------------------------|-----------------|---|--|
| FEE TRANSMITTAL   |  |             |                    |                | ᅡ                | Application Number          |  |  |                  |                                    |                           |                                |                 |   |  |
|   |  |             |                    |                | ľ                |                             |  |  |                  | Iamuam, 6, 2004                    |                           |                                |                 |   |  |
| for FY 2004   |  |             |                    |                | ŀ                | Filing Date                 |  |  |                  | January 6, 2004<br>NATHALIE MOUGIN |                           |                                |                 |   |  |
| Effective 10/01/2003. Patent fees are subject to annual revision.   |  |             |                    |                |                  | First Named Inventor        |  |  |                  | NAIDA                              | ALIE MC                   | JUGIN                          |                 |   |  |
| Applicant claims small entity status. See 37 CFR 1.27   |  |             |                    |                | -                | Examiner Name               |  |  |                  |                                    |                           |                                |                 |   |  |
| TOTAL A   | MOUNT  | OF PA       | AYMENT             | (\$)           | 770.00           |                             | Art Unit                                       |  |                  |                                    |                           |                                |                 |   |  |
|   |  |             |                    |                |                  |                             | Attorney Docket No012237-0307448               |  |                  |                                    |                           |                                |                 |   |  |
| METH  | OD OF  | PAY         | MENT (ch           |                | it apply)        | FEE CALCULATION (continued) |  |  |                  |                                    |                           |                                |                 |   |  |
| Check Credit card Money Other None  |  |             |                    |                |                  |                             | 3. ADDITIONAL FEES Large Entity , Small Entity |  |                  |                                    |                           |                                |                 |   |  |
| X Deposit Account:  |  |             |                    |                |                  | Fee                         | Fee  | Fee                                    | Fee              |                                    | <b>.</b>                  |                                |                 |   |  |
| Deposit<br>Account 033975   |  |             | Code               |                | Code             |                             |  | ree                                    | Descriptio       | n                                  | Fee Paid                  |                                |                 |   |  |
| Number  |  |             |                    | 1051           | 130              | 2051                        |  |  | -                | filing fee or                      |                           |                                |                 |   |  |
| Deposit Account PILLSBURY WINTHROP LLP  |  |             |                    | 1052           | 50               | 2052                        | 25   | Surcha<br>cover s                      |                  | provisional                        | filing fee or             |                                |                 |   |  |
|   | Name The Director is authorized to: (check all that apply) |             |                    |                | 1053             | 130                         | 1053   |  |                  | nglish spe                         |                           |                                |                 |   |  |
| X Charge fee  | e(s) indicat   | ed bel      | ow X               | credit any     | overpayments     |                             | 2,520  | 1812                                   |                  |                                    | ng a reque                |                                |                 |   |  |
| X Charge an   |  |             | -                  |                |                  | 1804                        | 920*   | 1804                                   | 920-             |                                    | sting publi<br>ner action | ication of SI                  | R prior to      |   |  |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.   |  |             |                    |                | 1805             | 1.840*                      | 1805   | 1,840*                                 | Reque:<br>Examir | sting publ<br>ner action           | ication of SI             | R after                        |                 |   |  |
| FEE CALCULATION   |  |             |                    |                | 1251             | 110                         | 2251   | 55                                     | Extensi          | ion for rep                        | oly within fire           | st month                       |                 |   |  |
| 1. BASIC FILING FEE   |  |             |                    | 1252           | 420              | 2252                        |  |  | -                | •                                  | cond month                |                                |                 |   |  |
| Large Entity  |  | •           | December           |                | Fee Paid         | 1253                        | 950  | 2253                                   |                  |                                    |                           | oly within thi                 |                 |   |  |
| F <u>ee Fee</u><br>Code (\$)  | Fee Fee Code (\$)  | <u> </u>    | ee Descripti       | <u>on</u>      | ree raid         | 1254                        | 1,480  | 2254                                   |                  |                                    |                           | oly within for                 |                 |   |  |
| 1001 770  | 2001 38  | 5           | Utility filing for | ee             | 770.00           |                             | 2,010  | 2255                                   | 1,005            | Extensi                            | ion for rep               | oly within fift                | h month         |   |  |
| 1002 340  | 2002 17  | 0           | Design filing      | fee            | 770.00           | 1401                        | 330  | 2401                                   |                  |                                    | of Appeal                 |                                |                 |   |  |
| 1003 530  | 2003 26  | 5           | Plant filing fe    | ee             |                  | 1402                        | 330  | 2402                                   |                  |                                    |                           | port of an a                   | ppeal           |   |  |
| 1004 770  | 2004 38  |             | Reissue filin      | -              | <u> </u>         | 1403                        | 290  | 2403                                   |                  |                                    | st for oral               | =                              |                 |   |  |
| 1005 160  | 2005 8   | 0           | Provisional f      | iling fee      |                  |                             | 1,510  | 1451                                   |                  |                                    |                           |                                | ise proceeding  |   |  |
|   |  | SI          | JBTOTAL (          | 1) (\$) 7      | 70.00            | 1452                        | 110  | 2452                                   |                  |                                    |                           | - unavoidal                    |                 |   |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   |  |             |                    |                | 1,330            | 2453                        |  |  |                  | - unintentio                       | nal                       |                                |                 |   |  |
|   |  |             | Extra Claims       | Fee from below |                  | 1501<br>1502                | 1,330<br>480                                   | 2501<br>2502                           |                  | -                                  | issue lee (               | or reissue)                    |                 |   |  |
| Total Claims         17         -20** = 0         X         = 0           Independent Claims         1         - 3** = 2         X         = 0           Multiple Dependent         = 0         = 0 |  |             | 1503               | 640            | 2503             |                             | _  | ssue fee                               |                  |                                    |                           |                                |                 |   |  |
|   |  |             | 1460               | 130            | 1460             |                             |  | ns to the C                            |                  |                                    |                           |                                |                 |   |  |
|   |  |             | 1807               | 50             | 1807             |                             |  | sing fee u                             |                  |                                    |                           |                                |                 |   |  |
| Large Entity   Small Entity   |  |             | 1806               | 180            | 1806             |                             |  | mission of Information Disclosure Stmt |                  |                                    |                           |                                |                 |   |  |
| Fee Fee<br>Code (\$)  | Fee Code   | Fee<br>(\$) | Fee Desc           | ription        |                  | 8021                        | 40   | 8021                                   |                  |                                    |                           | patent assig                   |                 |   |  |
| 1202 18   | 2202   |             | Claims in e        | xcess of 20    |                  | 1809                        |  |  |                  |                                    |                           | iumber of pr<br>ion after fina |                 |   |  |
| 1201 86   | 2201   | 43          | Independen         | t claims in    | excess of 3      | 1009                        | 770  | 2809                                   | 303              |                                    | R 1.129(a                 |                                | ii rejection    |   |  |
| 1203 290  | 1  | 145         |                    |                | im, if not paid  | 1810                        | 770  | 2810                                   |                  |                                    |                           | nal invention                  |                 |   |  |
| 1204 86 2204 43 ** Reissue independent claims over original patent  |  | 1801        | 770                | 2801           |                  |                             | •  | • • •                                  | nination (RCE)   |                                    |                           |                                |                 |   |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20  |  |             | 1802               |                | 1802             |                             | Reques   | st for expe                            | edited exam      |                                    |                           |                                |                 |   |  |
| and over original patent  |  |             |                    |                | 0.5              | ا<br>fee (sp                | onie A   |  | of a de          | sign appl                          | ication                   |                                |                 |   |  |
| SUBTOTAL (2) (\$) 0.00  |  |             |                    |                |                  | ree (sp<br>uced by          |  | Filina F                               | ee Paid          | ء ا                                | HETOTAL                   | (2) (5)                        |                 |   |  |
| or number previously paid, if greater, For Reissues, see above  |  |             |                    |                |                  |                             |  |  | 0.00             |                                    |                           |                                |                 |   |  |
| SUBMITTED BY  |  |             |                    |                |                  | 014                         | Registra                                       | tion Nr                                |                  |                                    | T                         |                                | (if applicable) |   |  |
| Name (Printl Type) Thomas A. Cawley, Jr., Ph.D.   |  |             |                    |                | Attorney         |                             | <del>1</del> 40,                               | 944                                    |                  | Telephone                          | 1703) 903-21              |                                |                 |   |  |
| Signature   |  |             | / /                | / _            | 7.//             | $\mathcal{C}$               |  |  | /                |                                    |                           | Date                           | January 6, 2004 | 1 |  |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria V.A 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.